

## Abstract

The present invention is directed to paper roll support device for a rotary press, for supporting a paper roll as well as being capable of rotation and rotation braking together with a paper roll, set so that in the event of a normal stop at the time of normal operation, rotation of the paper roll is stopped after a predetermined rotation braking time has elapsed, while in the event of emergency stop in an emergency, rotation of the paper roll is stopped using a rotation braking time that is shorter than the rotation braking time predetermined at the time of normal operation, comprising: a pair of support means capable of supporting both sides of an inner tube of the paper roll; and pressure change assigning means, capable of reciprocating in the direction of another opposing support means, and providing pressure to at least one support means to cause movement in a direction reducing a distance between a pair of support means, as well as being capable of selectively changing and assigning pressure of at least two magnitudes for carrying out movement in a direction so as to reduce a distance between a pair of support means, wherein in the event of a sudden stop of a rotary press, it is possible to increase contact force between the support means and the inner tube of the paper roll by allowing the support means to increase pressure to cause movement in a direction to reduce a distance between a pair of support means.